Air King
Ventilation Products®

VENTILATION PRODUCTS

Introduction

Model ESF80H - 80 CFM/<0.3 Sones
ENERGY STAR® Qualified Humidity
Sensing Exhaust Fan/Light

Products For an Ever Evolving Market

Air King is a leader in the ventilation industry, constantly introducing new and innovative products to the market. Air King's commitment to providing environmentally friendly products is evidenced by the expanding line of ENERGY STAR qualified products throughout the exhaust fan category and into other categories such as Range Hoods. Air King's goal is to bring high quality, environmentally friendly products to the market at a value that makes them the ***Smart Choice.***

IAQ Solutions

Air King's products are engineered to be the perfect answer to your Indoor Air Quality (IAQ) needs with full lines of ENERGY STAR qualified exhaust fans, solutions to meet and exceed ASHRAE 62.2 for both continuous ventilation and local exhaust. Also make sure to see Air King's full line of ENERGY STAR qualified range hoods at www.airkinglimited.com.

The Air King Difference

Customer service is a title that everyone in our company shares. From our corporate staff to our nationwide network of manufacturer's representatives, we are dedicated to making sure your questions are addressed and answered quickly and accurately.

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AUTOMATED VENTILATION

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Selecting Your Fan

Air King offers a wide array of ventilation solutions including ENERGY STAR® qualified, ASHRAE 62.2 options, fans to be used to comply with EnerGuide for homes requirements, and UL555C Fire Rated options to fit almost any residential application. Selecting the perfect Air King ventilation fan for your requirements can be done through the following considerations:

Determine Your CFM

CFM (Cubic Feet Per Minute) is the amount of air the fan is exhausting. Use the following equation to calculate the required CFM for a typical bathroom installation:

Room Length x Room Width x 1.1 = Required CFM

Model ESB80S - 80 CFM/<0.3 Sones
ENERGY STAR® Qualified Eco-Exhaust Fan

Choose The Sound Level (Sones)

The next consideration is the sound level which is measured in Sones. The lower the sone, the quieter the fan. A fan under one sone is considered very quiet. The sound level will have a direct impact on the cost of the fan - the lower the sound, typically the higher the price. Air King is unique in offering many products that are very quiet while still being budget friendly.

Choose Your Features

Features include lights, night lights, decorative grills, heaters, dual speed fans and more. Determine if you will need any of these features for your application and choose a fan accordingly.

Special Consideration

Before selecting any fan, you should consult all national and local codes to determine if any specialized requirements exist. Many municipalities have codes in place for both CFM and Sones.

ENERGY STAR PARTNER

ASHRAE STANDARD 62.2 VENTILATION

What is an easy and cost effective way to increase a home's Indoor Air Quality (IAQ) while creating as little impact on the environment as possible? The solution is simple - install Air King's ENERGY STAR qualified products throughout the home. It is widely recognized that a properly ventilated house creates a better living environment* but traditional fans and range hoods have either been too loud, too expensive, or just not energy efficient. Air King addresses all those concerns with an extensive offering of ENERGY STAR qualified products. The Air King product line gives you choices to meet your ventilation needs AND your budget while providing some of the most energy efficient ventilation products on the market today.

Save Money

Air King's ENERGY STAR qualified products run quieter, last longer, and are less expensive to operate than a conventional model.** Installing an Air King ENERGY STAR qualified exhaust fan is a great way to distinguish your home from the rest giving you the market advantage.

Help The Environment

Did you know that your home can be a greater source of pollution than your car? Energy used in our homes often comes from the burning of fossil fuels at power plants, which contributes to smog, acid rain, and global warming. Simply put, the less energy we use in our homes, the less air pollution we generate.**

What Is ENERGY STAR?

The ENERGY STAR symbol is a consumer icon in the Canadian marketplace. It instantly identifies products that have qualified as high efficiency. The ENERGY STAR Initiative is a voluntary partnership between the Government of Canada and industry to make high efficiency products readily available and visible to Canadians. NRCan formally enrolls manufacturers, retailers and other organizations as Participants in the ENERGY STAR Initiative. Participants help promote ENERGY STAR and ensure ENERGY STAR qualified products are prominent and readily available in the marketplace and to Canadian consumers.**

* Source: www.hvi.org ** Source: www.nrcan.gc.ca

LEED For Homes®

What Is LEED for Homes®?

"The Leadership in Energy and Environmental Design (LEED) Green Building Rating System® encourages and accelerates global adoption of sustainable green building and development practices through the creation and implementation of universally understood and accepted tools and performance criteria. LEED is a third-party certification program and an internationally accepted benchmark for the design, construction and operation of high performance green buildings. It provides building owners and operators the tools they need to have an immediate and measurable impact on their buildings' performance."[2]

GREEN UP
Canada's Building Performance Program

What Are The Basics?

The LEED program certifies homes or buildings as either silver, gold or platinum based on a points system. Builder's earn points in five categories: sustainable site development, water efficiency, energy efficiency, materials selection, and indoor environmental quality. By using Air King ENERGY STAR® qualifed, energy efficient ventilation fans, you can earn LEED points for your building project

Solutions To Meet Your Style And Budget

Air King has one of the most extensive offerings of ENERGY STAR qualified, energy efficient ventilation products that qualify for LEED points on the market today with solutions to meet almost any ventilation need your home might have. Air King's solutions are simple, economical and designed to improve indoor air quality by providing efficient and quiet operation, making them the ***Smart Choice.***

2 Source: www.cagbc.org/AM/Template.cfm?Section=LEED

ASHRAE 62.2 Basics

ASHRAE 62.2 is a minimum national standard that provides methods for achieving acceptable Indoor Air Quality (IAQ) in typical residences. The standard has three main components:

Whole House/Principle Ventilation Fan – diluting the air in the main living spaces to remove unavoidable contaminants from people, pets, cleaning, and other household pollutants. The whole house fan flow rate is determined based on the floor space and the number of bedrooms. The whole house fan provides multiple air exchanges within the home each day. The operation can be continuous or intermittent (cycled by a timer) if less than 1 sone.

Local Exhaust/Supplemental Fan – removing high concentrations of contaminants in the rooms where they occur (kitchens and bathrooms). The local exhaust fans can operate continuously (if less than 1 sone) at a lower flow rate (CFM), or intermittently (cycled by a switch or timer) at a higher flow rate if 3 sones or less. If operated continuously or on a timer the local exhaust fan flow reduces the whole house exhaust fan flow requirement.

Source Control – preventing or limiting the introduction of pollutants.

Help! What Should I Do?

Not to worry. Air King is able to provide simple, cost effective solutions without compromising performance. Air King offers Good, Better, and Best choices to meet the needs of your project including multiple Whole House and Local Exhaust options that are HVI certified at the lowest allowable sound rating, (at the threshold of hearing), so they will not disrupt day to day living. Choices are available for Fan only, Fan/Light combinations and decorative combinations. Additional strategies, tips and techniques can be found at www.airkinglimited.com or by becoming a fan of Air King's facebook page you can stay up-to-date on the most current solutions.

Who Is ASHRAE?

ASHRAE is the American Society of Heating, Refrigerating and Air-Conditioning Engineers. ASHRAE's mission is to "serve humanity and promote a sustainable world through research, standards writing, publishing and continued education."[1] ASHRAE is the leading force when it comes to writing ventilation codes that are adopted throughout North America on both a local level and nationally.

1 Source: www.ashrae.org

ASHRAE 62.2

Making Sense Of ASHRAE 62.2

Air King has a large selection of ASHRAE 62.2 solutions for both Whole Building and Local Exhaust. Making sense of everything can sometimes be a little overwhelming. Below are some examples as to what you might use for typical installations.

What Is Best For Me?

For the best indoor air quality Air King recommends the Whole Building fan be located in a central location and operate continuously. Then install On Demand Local Exhaust fans in each bathroom and a range hood vented to the outdoors in the kitchen.

What About Dual Speed Fans?

To utilize one of Air King's dual speed fans, the low speed provides Continuous Ventilation while the high speed provides a boost of ventilation power needed when the room is occupied.

What About Higher Static Pressure?

All of Air King's ECO Exhaust Fans (ESB Series) feature a boost speed setting that provides higher CFM at higher static pressures.

Are There Other Options?

For additional solutions visit www.airkinglimited.com.

Is This Everything I Need?

It is important that these examples be used only as a guide. When determining the correct On Demand Local Exhaust to be used in a bathroom setting, make sure to take into consideration any additional local codes that might be required. All continuously operating fans require a manual override located in a convenient location.

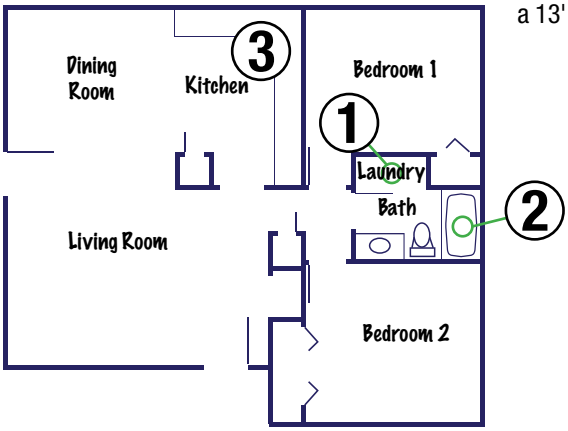
Don't Forget the Kitchen

Air King also recommends the use of an Air King ENERGY STAR® qualified range hood in the kitchen. ASHRAE 62.2 requires a separate kitchen ventilation fan rated for at least 5 air changes per hour for a 13' x 17' x 8' room that equals 150 CFM or a vented range hood rated at least 100 CFM.

Continuous Ventilation

Ventilation Air Requirements, cfm					
Floor Area (ft^2)	Bedrooms 0-1	2-3	4-5	6-7	>7
<1500	30	45	60	75	90
1501-3000	45	60	75	90	105
3001-4500	60	75	90	105	120
4501-6000	75	90	105	120	135
6001-7500	90	105	120	135	150
>7500	105	120	135	150	165

Table is a duplication of Table 4.1a (I-P) for **Minimum** Ventilation from the ANSI/ASHRAE Standard 62.2-2010 for Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings.



Homes Under 1500 Sq Ft., 2-3 Bedrooms

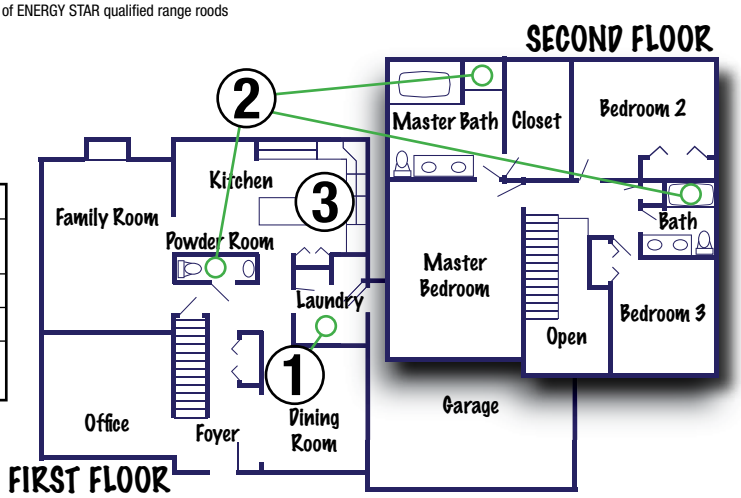
	Type	Good	Better	Best
1	Whole Building Continuous	BFQ50	AK50	AK80LS
2	On Demand Local	AS54	BFQ75	AK80H
	with Light	ASF50	BFQF70	AKF80H
3	ENERGY STAR Range Hood	ESDQ	ESVAL	APF

Specifications subject to change. Visit www.airkinglimited.com for more information regarding Air King's full line of ENERGY STAR qualified range roods

Homes 1500-3000 Sq Ft., 3-5 Bedrooms

	Type	Good	Better	Best
1	Whole Building Continuous	AK80LS	AK80H	ESB80S
2	On Demand Local	AS54	BFQ75	ESB80DH
	with Light	BFQF70	AKF80LS	ESF80SH
3	ENERGY STAR Range Hood	ESDQ	ESVAL	APF

Specifications subject to change. Visit www.airkinglimited.com for more information regarding Air King's full line of ENERGY STAR qualified range roods



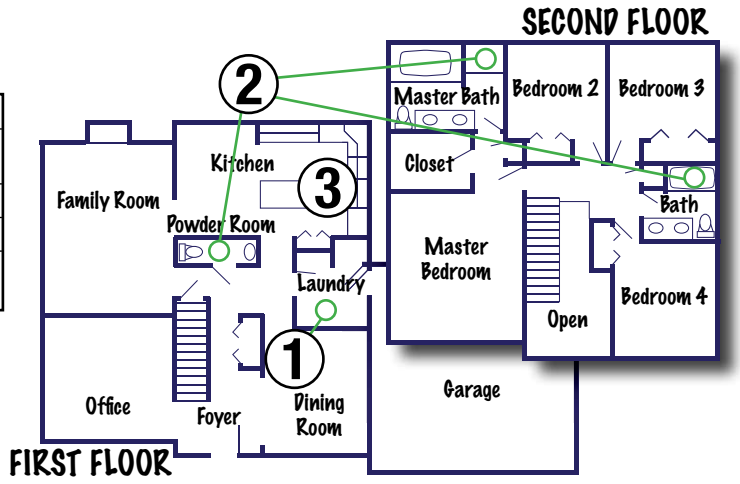
Air King Ventilation Products®

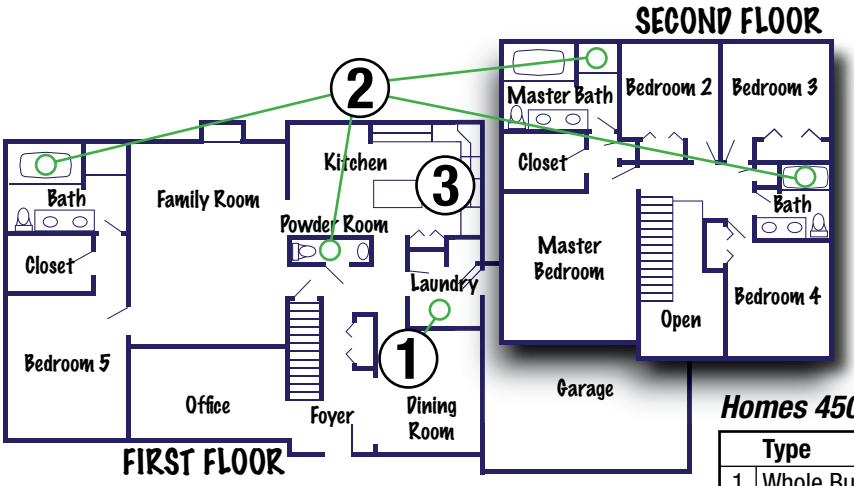
Specifications subject to change without notice

Homes 3000-4500 Sq Ft., 4+ Bedrooms

	Type	Good	Better	Best
1	Whole Building Continuous	AK150LS	ESB130S	ESB130S
2	On Demand Local	AS54	BFQ75	ESB130SH
	with Light	BFQF70	AKF80LS	ESF130SH
3	ENERGY STAR Range Hood	ESDQ	ESVAL	APF

Specifications subject to change. Visit www.airkinglimited.com for more information regarding Air King's full line of ENERGY STAR qualified range roods





Homes 4500-6000 Sq Ft., 4-7 Bedrooms

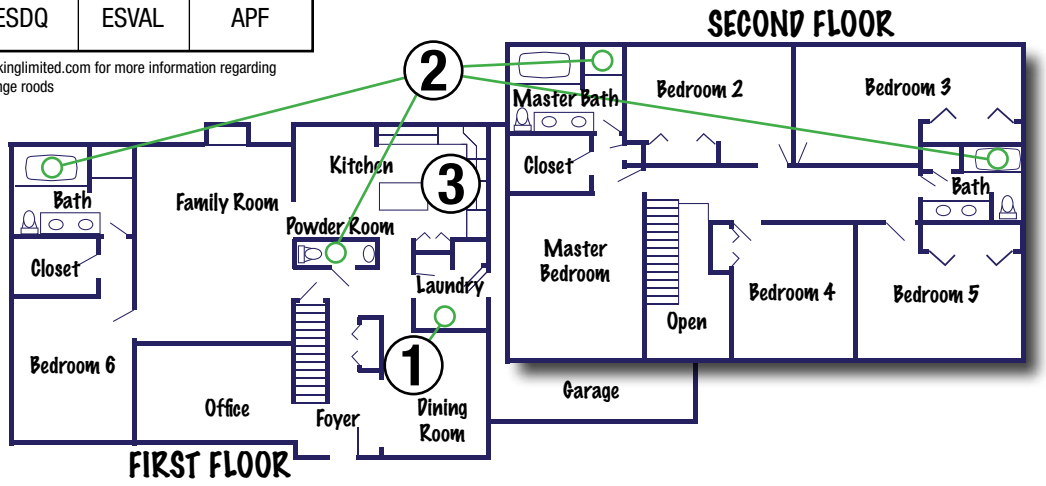
	Type	Good	Better	Best
1	Whole Building Continuous	AK150LS	ESB130S	ESB130S
2	On Demand Local	BFQ50	BFQ75	ESB130SH
	with Light	BFQF70	AKF100	ESF130SH
3	ENERGY STAR Range Hood	ESDQ	ESVAL	APF

Specifications subject to change. Visit www.airkinglimited.com for more information regarding Air King's full line of ENERGY STAR qualified range roods

Homes 6000-7500 Sq Ft., 6+ Bedrooms

	Type	Good	Better	Best
1	Whole Building Continuous	AK150LS	AK150LS	AK150LS
2	On Demand Local	BFQ50	BFQ75	ESB130S
	with Light	BFQF70	AKF100	ESF130SH
3	ENERGY STAR Range Hood	ESDQ	ESVAL	APF

Specifications subject to change. Visit www.airkinglimited.com for more information regarding Air King's full line of ENERGY STAR qualified range roods



Specifications subject to change without notice

Exhaust Fans

FEATURES

- 6" Round duct connector with gasketed damper protects against back drafts and seals the duct better than any other damper on the market today
- Listed for installation over a tub or shower on a GFCI circuit
- Solution for ASHRAE 62.2 continuous whole house ventilation
- Hanger bar installation
- Available in contractor packs (see your local representative for details)
- **MODELS ESF80S, ESF130S, ESF80D, ESF130D:** ***INCLUDED*** 26 watt high efficacy fluorescent lamp provides about the equivalent of 100 watts of incandescent lighting, 4 Watt night light (night light bulb not included)

EXHAUST FANS								
	SINGLE SPEED				**DUAL SPEED**			
	Can be used for ASHRAE 62.2 whole house ventilation or activated by any wall mounted device.				Perfect in a bathroom for continuous low speed ventilation. The fan can be activated to high speed through any wall mounted device.			
MODEL	**ESB80S**	**ESF80S**	**ESB130S**	**ESF130S**	**ESB80D**	**ESF80D**	**ESB130D**	**ESF130D**
Air Movement: CFM @ .1 SP	80	80	130	130	80 / 30	80 / 30	130 / 50	130 / 50
Air Movement: CFM @ .25 SP	49/82[1]	49/82[1]	91/112[2]	91/112[2]	49/82[1]	49/82[1]	91/112[2]	91/112[2]
Sound: Sones @ .1 SP	<0.3	<0.3	0.4	0.4	<0.3	<0.3	0.4	0.4
Watts	28.5	28.5	34.6	34.6	28.5 / 24.7	28.5 / 24.7	34.6 / 28.4	34.6 / 28.4
Duct Size	6"	6"	6"	6"	6"	6"	6"	6"
Lighting	N/A	26 W Fluorescent	N/A	26 W Fluorescent	N/A	26 W Fluorescent	N/A	26 W Fluorescent
ENERGY STAR® Qualified	YES	YES	YES	YES	YES	YES	YES	YES
ASHRAE 62.2	Excellent for whole building / local ventilation							
Housing Size	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H
Listings / Certifications								

[1] Boost speed provides 82 CFM, 0.6 sones, 0.30 amps @ .25 Static Pressure • [2] Boost speed provides 112 CFM, 0.6 sones, 0.30 amps @ .25 Static Pressure

Specifications subject to change without notice

Motion Sensing Exhaust Fans

FEATURES

- 6" Round duct connector with gasketed damper protects against back drafts and seals the duct better than any other damper on the market today
- Time delay can be preset from 30 seconds to 80 minutes
- Listed for installation over a tub or shower on a GFCI circuit
- Hanger bar installation
- Available in contractor packs (see your local representative for details)
- **MODELS ESF80SG, ESF130SG, ESF80DG, ESF130DG:** ***INCLUDED*** 26 watt high efficacy fluorescent lamp provides about the equivalent of 100 watts of incandescent lighting, 4 Watt night light (night light bulb not included)

MOTION SENSING FANS

SINGLE SPEED	DUAL SPEED
Integrated motion sensor detects occupancy of the room and turns the fan on and keeps it running for the preset time after the room is vacated before automatically turning the fan off. The fan can also be activated through a wall control switch.	Perfect in a bathroom for continuous low speed ventilation. An integrated motion sensor detects occupancy of the room and turns the fan to high speed and keeps it running for the preset time after the room is vacated before automatically turning the fan off. The fan can also be activated to high speed through a wall control switch or timer.

MODEL	ESB80SG	ESF80SG	ESB130SG	ESF130SG	ESB80DG	ESF80DG	ESB130DG	ESF130DG
Air Movement: CFM @ .1 SP	80	80	130	130	80 / 30	80 / 30	130 / 50	130 / 50
Air Movement: CFM @ .25 SP	49/82[1]	49/82[1]	91/112[2]	91/112[2]	49/82[1]	49/82[1]	91/112[2]	91/112[2]
Sound: Sones @ .1 SP	<0.3	<0.3	0.4	0.4	<0.3	<0.3	0.4	0.4
Watts	28.5	28.5	34.6	34.6	28.5 / 24.7	28.5 / 24.7	34.6 / 28.4	34.6 / 28.4
Duct Size	6"	6"	6"	6"	6"	6"	6"	6"
Lighting	N/A	26 W Fluorescent	N/A	26 W Fluorescent	N/A	26 W Fluorescent	N/A	26 W Fluorescent
ENERGY STAR® Qualified	YES	YES	YES	YES	YES	YES	YES	YES
ASHRAE 62.2	Excellent for whole building / local ventilation							
Housing Size	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H
Listings / Certifications	ETL, HVI 2100 CERTIFIED							

[1] Boost speed provides 82 CFM, 0.6 sones, 0.30 amps @ .25 Static Pressure • [2] Boost speed provides 112 CFM, 0.6 sones, 0.30 amps @ .25 Static Pressure

Specifications subject to change without notice

Motion & Humidity Sensing Exhaust Fans

FEATURES

- 6" Round duct connector with gasketed damper protects against back drafts and seals the duct better than any other damper on the market today
- Time delay can be preset from 30 seconds to 80 minutes, Humidity level can be set up to 80% relative humidity
- Listed for installation over a tub or shower on a GFCI circuit
- Hanger bar installation
- Available in contractor packs (see your local representative for details)
- **MODELS ESF80SGH, ESF130SGH, ESF80DGH, ESF130DGH:** ***INCLUDED*** 26 watt high efficacy fluorescent lamp provides about the equivalent of 100 watts of incandescent lighting, 4 Watt night light (night light bulb not included)

MOTION & HUMIDITY SENSING FANS

SINGLE SPEED

Integrated motion sensor detects occupancy of the room and turns the fan on and keeps it running for the preset time after the room is vacated before automatically turning the fan off. Integrated humidistat senses the humidity level of the room and turns the fan on until the humidity level is below the preset level. The fan can also be activated through a wall control switch.

DUAL SPEED

Perfect in a bathroom for continuous low speed ventilation. An integrated motion sensor detects occupancy of the room and turns the fan to high speed and keeps it running for the preset time after the room is vacated before automatically turning the fan off. An integrated humidistat senses the humidity level of the room and turns the fan to high speed until the humidity level is below the preset level. The fan can also be activated to high speed through a wall control switch or timer.

MODEL	ESB80SGH	ESF80SGH	ESB130SGH	ESF130SGH	ESB80DGH	ESF80DGH	ESB130DGH	ESF130DGH
Air Movement: CFM @ .1 SP	80	80	130	130	80 / 30	80 / 30	130 / 50	130 / 50
Air Movement: CFM @ .25 SP	49/82[1]	49/82[1]	91/112[2]	91/112[2]	49/82[1]	49/82[1]	91/112[2]	91/112[2]
Sound: Sones @ .1 SP	<0.3	<0.3	0.4	0.4	<0.3	<0.3	0.4	0.4
Watts	28.5	28.5	34.6	34.6	28.5 / 24.7	28.5 / 24.7	34.6 / 28.4	34.6 / 28.4
Duct Size	6"	6"	6"	6"	6"	6"	6"	6"
Lighting	N/A	26 W Fluorescent	N/A	26 W Fluorescent	N/A	26 W Fluorescent	N/A	26 W Fluorescent
ENERGY STAR® Qualified	YES	YES	YES	YES	YES	YES	YES	YES
ASHRAE 62.2	Excellent for whole building / local ventilation							
Housing Size	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H
Listings / Certifications								

[1] Boost speed provides 82 CFM, 0.6 sones, 0.30 amps @ .25 Static Pressure • [2] Boost speed provides 112 CFM, 0.6 sones, 0.30 amps @ .25 Static Pressure

Specifications subject to change without notice

Humidity Sensing Exhaust Fans

FEATURES

- 6" Round duct connector with gasketed damper protects against back drafts and seals the duct better than any other damper on the market today
- Humidity level can be set up to 80% relative humidity
- Listed for installation over a tub or shower on a GFCI circuit
- Hanger bar installation
- Available in contractor packs (see your local representative for details)
- **MODELS ESF80SH, ESF130SH, ESF80DH, ESF130DH:** ***INCLUDED*** 26 watt high efficacy fluorescent lamp provides about the equivalent of 100 watts of incandescent lighting, 4 Watt night light (night light bulb not included)

HUMIDITY SENSING FANS								
	SINGLE SPEED				**DUAL SPEED**			
	Integrated humidistat senses the humidity level of the room and turns the fan on until the humidity level is below the preset level. The fan can also be activated through a wall control switch.				Perfect in a bathroom for continuous low speed ventilation. An integrated humidistat senses the humidity level of the room and turns the fan to high speed until the humidity level is below the preset level. The fan can also be activated to high speed through a wall control switch or timer.			
MODEL	**ESB80SH**	**ESF80SH**	**ESB130SH**	**ESF130SH**	**ESB80DH**	**ESF80DH**	**ESB130DH**	**ESF130DH**
Air Movement: CFM @ .1 SP	80	80	130	130	80 / 30	80 / 30	130 / 50	130 / 50
Air Movement: CFM @ .25 SP	49/82[1]	49/82[1]	91/112[2]	91/112[2]	49/82[1]	49/82[1]	91/112[2]	91/112[2]
Sound: Sones @ .1 SP	<0.3	<0.3	0.4	0.4	<0.3	<0.3	0.4	0.4
Watts	28.5	28.5	34.6	34.6	28.5 / 24.7	28.5 / 24.7	34.6 / 28.4	34.6 / 28.4
Duct Size	6"	6"	6"	6"	6"	6"	6"	6"
Lighting	N/A	26 W Fluorescent	N/A	26 W Fluorescent	N/A	26 W Fluorescent	N/A	26 W Fluorescent
ENERGY STAR® Qualified	YES	YES	YES	YES	YES	YES	YES	YES
ASHRAE 62.2	Excellent for whole building / local ventilation							
Housing Size	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H
Listings / Certifications								

[1] Boost speed provides 82 CFM, 0.6 sones, 0.30 amps @ .25 Static Pressure • [2] Boost speed provides 112 CFM, 0.6 sones, 0.30 amps @ .25 Static Pressure

Specifications subject to change without notice

Humidity Sensing Exhaust Fans

FEATURES

- Round duct connector with damper protects against back drafts
- Humidity level can be set up to 80% relative humidity
- Listed for installation over a tub or shower on a GFCI circuit
- Available in contractor packs (see page 33 for details)
- Hanger bar installation
- **MODELS AKF80H, AKF100H:** Moonstone glass light lens with ***INCLUDED*** 26 watt high efficacy fluorescent lamp provides about the equivalent of 100 watts of incandescent lighting, 4 Watt night light (night light bulb not included)

HUMIDITY SENSING FANS			
	FAN		FAN with LIGHT
	Integrated humidistat senses the humidity level of the room and turns the fan on until the humidity level is below the preset level. The fan can also be activated through a wall control switch.		

MODEL	AK80H	AK100H	AK80LS6H	AK90LS6H	AK100LS6H	AK110LS6H	AKF80H	AKF100H
Air Movement: CFM @ .1 SP	80	100	80	90	100	110	80	100
Air Movement: CFM @ .25 SP	68	86	57	66	79	96	70	84
Sound: Sones @ .1 SP	1.0	1.5	0.5	0.8	1.0	1.4	1.0	1.5
Watts	28.1	30.5	25.2	25.7	26.6	27.6	27.6	29.2
Lighting	N/A	N/A	N/A	N/A	N/A	N/A	26 W Fluorescent	26 W Fluorescent
Duct Size	4"	4"	6"	6"	6"	6"	4"	4"
ENERGY STAR® Qualified	YES	YES	YES	YES	YES	YES	YES	YES
ASHRAE 62.2	Whole Building / Local Ventilation	Local Ventilation	Whole Building / Local Ventilation	Whole Building / Local Ventilation	Whole Building / Local Ventilation	Local Ventilation	Whole Building / Local Ventilation	Local Ventilation
Housing Size	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H
Listings / Certifications	c UL us, HVI CERTIFIED							

Exhaust Fans

FEATURES

- 6" Round plastic damper protects against back drafts and ensures quiet operation

  MODELS AK150LS, AK200LS, AK280LS: 6" Round duct connector with gasketed damper protects against back drafts and seals the duct better than any other damper on the market today

- Listed for installation over a tub or shower on a GFCI circuit
- Solution for ASHRAE 62.2 continuous whole house ventilation (models AK80LS6, AK90LS6, AK100LS6, AK150LS)
- Hanger bar installation
- **MODEL AK150LS** Available in contractor packs (see page 33 for details)

EXHAUST FANS							
MODEL	**AK80LS6**	**AK90LS6**	**AK100LS6**	**AK110LS6**	**AK150LS**	**AK200LS**	**AK280LS**
Air Movement: CFM @ .1 SP	80	90	100	110	150	200	280
Air Movement: CFM @ .25 SP	57	66	79	96	116	185	262
Sound: Sones @ .1 SP	0.5	0.8	1.0	1.4	0.8	1.4	2.5
Watts	25.2	25.7	26.6	27.6	34.6	62.0	73.0
Duct Size	6"	6"	6"	6"	6"	6"	6"
ENERGY STAR® Qualified	YES	YES	YES	YES	YES	YES	YES
ASHRAE 62.2	Whole Building / Local Ventilation	Whole Building / Local Ventilation	Whole Building / Local Ventilation	Local Ventilation	Whole Building / Local Ventilation	Local Ventilation	Local Ventilation
Housing Size	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H	12⅞"W x 12¾"D x 9⅞"H
Listings / Certifications	c UL us HVI CERTIFIED				ETL HVI CERTIFIED	c UL us HVI CERTIFIED	

Specifications subject to change without notice

Exhaust Fans

FEATURES

- 4" Round duct connector with damper protects against back drafts
- Listed for installation over a tub or shower on a GFCI circuit
- Solution for ASHRAE 62.2 continuous whole house ventilation (models AK80LS, AK50, and AK80LS-1)
- Hanger bar installation
- Available in contractor packs (see page 33 for details)

EXHAUST FANS							
	SINGLE SPEED						DUAL SPEED
	Can be used for ASHRAE 62.2 ventilation or activated by any wall mounted device.						*
MODEL	**AK80LS**	**AK110LS**	**AK80LS-1**	**AK80**	**AK90**	**AK110PN**	**AK100D**
Air Movement: CFM @ .1 SP	80	110	80	80	90	100	100 / 50
Air Movement: CFM @ .25 SP	68	90	68	63	78	86	86 / 32
Sound: Sones @ .1 SP	0.6	1.5	1.0	1.5	1.5	1.5	1.5 / 0.5
Watts	28.1	28.0	28.3	27.6	29.9	29.9	29.9 / 26.9
Duct Size	4" metal	4" metal	4"	4"	4"	4"	4"
ENERGY STAR® Qualified	YES	YES	YES	YES	YES	YES	YES
ASHRAE 62.2	Whole Building / Local Ventilation	Local Ventilation	Whole Building / Local Ventilation	Local Ventilation	Local Ventilation	Local Ventilation	Whole Building / Local Ventilation
Housing Size	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H
Listings / Certifications	c UL us HVI CERTIFIED						

* Perfect in a bathroom for continuous low speed ventilation. The fan can be activated to high speed through any wall mounted device.

Specifications subject to change without notice

Exhaust Fans with Lights

FEATURES

- Moonstone glass light lens with ***INCLUDED*** 26 watt high efficacy GU24 base fluorescent lamp provides about the equivalent of 100 watts of incandescent lighting
- 4 Watt night light (bulb not included)
- 4" round duct collar with plastic damper protects against back drafts and ensures quiet operation
- Listed for installation over a tub or shower on a GFCI circuit
- Solution for ASHRAE 62.2 continuous whole house ventilation (models AKF50, AKF80, and AKF100D)
- Hanger bar installation
- Available in contractor packs (see page 33 for details)

EXHAUST FANS with LIGHT and NIGHT LIGHT				
	SINGLE SPEED			DUAL SPEED
	Can be used for ASHRAE 62.2 ventilation or activated by any wall mounted device.			*
MODEL	**AKF50**	**AKF80LS**	**AKF100**	**AKF100D4**
Air Movement: CFM @ .1 SP	50	80	100	100 / 50
Air Movement: CFM @ .25 SP	32	70	84	84 / 30
Sound: Sones @ .1 SP	0.5	1.0	2.0	2.0 / 0.5
Watts	26.4	27.6	29.2	29.2 / 26.4
Lighting	26 W Fluorescent	26 W Fluorescent	26 W Fluorescent	26 W Fluorescent
Duct Size	4"	4"	4"	4"
ENERGY STAR® Qualified	YES	YES	YES	YES
ASHRAE 62.2	Whole Building / Local Ventilation	Whole Building / Local Ventilation	Local Ventilation	Whole Building / Local Ventilation
Housing Size	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H	10⅞"W x 9⅜"D x 7⅞"H
Listings / Certifications	c UL us HVI CERTIFIED			

* Perfect in a bathroom for continuous low speed ventilation. The fan can be activated to high speed through any wall mounted device.

Specifications subject to change without notice

SNAP-IN Exhaust Fans

FEATURES

- 4" Round duct connector with damper protects against back drafts
- UL Listed high impact plastic housing will not rust or corrode over time and is listed for installation over a tub or shower on a GFCI circuit
- Solution for ASHRAE 62.2 continuous whole house ventilation (model BFQ50)
- Installs using the included Snap-In mounting system with wire nuts and a romex connector included and can be wall mounted in 2" x 6" construction
- **MODELS BFQF50, BFQF70:** ***INCLUDED*** 26 watt high efficacy GU24 base fluorescent lamp provides about the equivalent of 100 watts of incandescent lighting
- Available in contractor packs (see page 33 for details)

SNAP-IN INSTALLATION

NAIL the included bracket in place.

SNAP the naturally sound absorbent molded plastic housing into the bracket.

WIRE the fan with the included wire nuts and strain relief.

IT'S THAT EASY!

EXHAUST FANS					
MODEL	**BFQ50**	**BFQ75**	**BFQ80**	**BFQF50**	**BFQF70**
Air Movement: CFM @ .1 SP	50	70	80	50	70
Air Movement: CFM @ .25 SP	38	57	61	38	56
Sound: Sones @ .1 SP	0.5	1.5	2.0	0.8	2.0
Watts	28.1	28.7	32.0	28.1	27.5
Lighting	N/A	N/A	N/A	26 W Fluorescent	26 W Fluorescent
Duct Size	4"	4"	4"	4"	4"
ENERGY STAR® Qualified	YES	YES	YES	YES	YES
ASHRAE 62.2	Whole Building / Local Ventilation	Local Ventilation	Local Ventilation	Whole Building / Local Ventilation	Local Ventilation
Housing Size	9⅛"W x 8½"D x 4¾"H	9⅛"W x 8½"D x 4¾"H	9⅛"W x 8½"D x 4¾"H	9⅛"W x 8½"D x 5¾"H	9⅛"W x 8½"D x 5¾"H
Listings / Certifications	c UL us HVI CERTIFIED				

Specifications subject to change without notice

SNAP-IN Exhaust Fans

FEATURES

- 4" Round duct connector with damper protects against back drafts

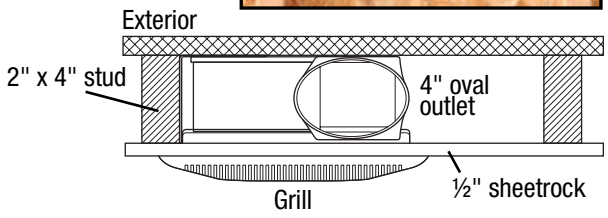
  MODELS BFQ50W, BFQ75W, BFQ80W: Features a 4" oval duct collar that allows the fan to be installed into walls using standard 2" x 4" studs and connect with standard 4" round ducting

- UL Listed high impact plastic housing will not rust or corrode over time and is listed for installation over a tub or shower on a GFCI circuit

- Installs using the included Snap-In mounting system with wire nuts and a romex connector included and can be wall mounted in 2" x 6" construction

- Available in contractor packs (see page 33 for details)

BFQW SERIES can be wall mounted into standard 2" x 4" studs.



EXHAUST FANS						
MODEL	**BFQ90**	**BFQ110**	**BFQ140**	**BFQ50W**	**BFQ75W**	**BFQ80W**
Air Movement: CFM @ .1 SP	90	100	120	50	70	80
Sound: Sones @ .1 SP	2.5	3.5	4.0	1.0	2.0	2.5
Duct Size	4"	4"	4"	4" Oval	4" Oval	4" Oval
ENERGY STAR® Qualified	NO	NO	NO	YES	YES	NO
ASHRAE 62.2	Local Ventilation	-	-	Whole Building / Local Ventilation	Local Ventilation	Local Ventilation
Housing Size	9⅛"W x 8½"D x 4¾"H	9⅛"W x 8½"D x 4¾"H	9⅛"W x 8½"D x 4¾"H	9⅛"W x 8½"D x 3⅞"H	9⅛"W x 8½"D x 3⅞"H	9⅛"W x 8½"D x 3⅞"H
Listings / Certifications	c UL us, HVI CERTIFIED					

Specifications subject to change without notice

Exhaust Fans

FEATURES (AS)

- Plastic damper protects against back drafts and ensures quiet operation
- Easily installs using the double thick keyhole mounting tabs (ASLC and ASF units also include hanging brackets)
- Available in contractor packs

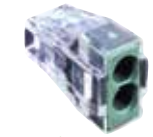
GARAGE/WALL FAN FEATURES (EWF-180)

- Spring loaded aluminum back draft damper prevents back drafts
- 8" round diameter housing for maximum air flow can be installed into walls 4" to 9" thick
- Direct to outdoors exhaust design eliminates the need for ducting

CONTRACTOR PACKS

HOUSING MODEL	HOUSING TYPE	DUCT TYPE	MOTOR/BLADE/GRILL MODELS	#PER PACK
ASHSG	Standard	3" plastic	AS50MBG (50 CFM / 3.0 Sones) AS60MBG (60 CFM / 4.0 Sones) AS70MBG (70 CFM / 4.0 Sones)	6
AWCHSG[4]	Wago® Quick Connect	3" plastic		
ASMTLHSG	Metal Collar	3" metal		
ATLHSG[5]	4" duct size	4" plastic		

[4] Wago® Quick Connect Housing, includes Wago® Wall Nuts™ • [5] Model **AS54** utilizes ATLHSG and AS50MBG • Specifications subject to change.



Wago® Wall Nuts™ provide a quick and easy wiring connection that saves time and the hassles of twisting and taping. Simply strip the wire, then insert into the connector. The clear housing allows you to see that the connection is firm. UL Listed/CSA certified - touch proof and rated to 105° C.

EXHAUST FANS					
MODEL	**AS54**	**AS50**	**AS60**	**AS70**	**EWF-180**
Air Movement: CFM @ .1 SP	50	50	60	70	180
Sound: Sones @ .1 SP	3.0	3.0	4.0	4.0	6.5
Duct Size	4"	3"	3"	3"	8"
ASHRAE 62.2	Local Ventilation	-	-	-	-
Housing Size	7¼"W x 7¼"D x 4¾"H	7¼"W x 7¼"D x 3¾"H	7¼"W x 7¼"D x 3¾"H	7¼"W x 7¼"D x 3¾"H	8" direct vent
Listings / Certifications	c UL us, HVI CERTIFIED				

Exhaust Fans with Lights

FEATURES

- Plastic damper protects against back drafts and ensures quiet operation
- Easily installs using the double thick keyhole mounting tabs or the include hanging brackets
- Available in contractor packs
- Utilizes a 26W medium base energy efficient fluorescent lamp
  (up to a 100W type A19 incandescent bulb can also be used)

CONTRACTOR PACKS

HOUSING MODEL	HOUSING TYPE	DUCT TYPE	MOTOR/BLADE/GRILL MODELS	#PER PACK
ASLCHSG	Standard	4" plastic	ASLC50MB (50 CFM / 3.0 Sones) ASLC70MB (70 CFM / 4.0 Sones)	4

EXHAUST FANS with LIGHT		
MODEL	**ASLC50**	**ASLC70**
Air Movement: CFM @ .1 SP	50	70
Sound: Sones @ .1 SP	3.0	4.0
Lighting*	100 Watt	100 Watt
Duct Size	4"	4"
ASHRAE 62.2	Local Ventilation	-
Housing Size	7⅜"W x 7⅝"D x 5⅞"H	7⅜"W x 7⅝"D x 5⅞"H
Listings / Certifications	c UL us, HVI CERTIFIED	

* Bulbs not included

Specifications subject to change without notice

Exhaust Fans with Light

FEATURES

- 13½" diameter round grill make unit easier to visually center within the room
- Frosted, ribbed glass light lens disperses light throughout the room
- 4" round duct collar with plastic damper protects against back drafts and ensures quiet operation
- Exhaust fan and lighting can be wired to operate separately
- Easily installs using the included adjustable hanging brackets

Models ASF701, ASF702, ASF703:

- Utilizes 2 - 26 watt high efficacy fluorescent lamps that provide about the equivalent of 200 watts of incandescent lighting

Models AKLC701, AKLC702, AKLC703, DRLC701, DRLC702, DRLC703:

- Utilizes 2 - type A19 bulbs (60 watt maximum incandescent or 26 watt medium base energy efficient fluorescent)

DECORATIVE EXHAUST FANS with LIGHT			
MODEL	**AKF701 / AKF702 / AKF703**	**AKLC701 / AKLC702 / AKLC703**	**DRLC701 / DRLC702 / DRLC703**
Air Movement: CFM @ .1 SP	70	70	70
Sound: Sones @ .1 SP	2.5	2.5	4.0
Lighting*	2 - 26W Fluorescent	2 - 26W Fluorescent or 2 - 60W	2 - 26W Fluorescent or 2 - 60W
Bulb Type	A19 or Medium Base CFL	A19 or Medium Base CFL	A19 or Medium Base CFL
Light Lens	Glass	Glass	Glass
Duct Size	4"	4"	4"
Finish	AKF701 - Oil Rubbed Bronze, AKF702 - Nickel, AKF703 - White	AKLC701 - Oil Rubbed Bronze, AKLC702 - Nickel, AKLC703 - White	DRLC701 - Oil Rubbed Bronze, DRLC702 - Nickel, DRLC703 - White
ASHRAE 62.2	Local Ventilation	Local Ventilation	-
Housing Size	7⅜"W x 7⅝"D x 5⅞"H	7⅜"W x 7⅝"D x 5⅞"H	7⅜"W x 7⅝"D x 5⅞"H
Listings / Certifications	c UL us, HVI CERTIFIED		

* Bulbs not included

Specifications subject to change without notice

Exhaust Fans with Light

FEATURES

- Decorative grills and light lenses enhance the decor of your bathroom
- Light lens disperses light throughout the room
- 4" round duct collar with plastic damper protects against back drafts and ensures quiet operation
- Exhaust fan and lighting can be wired to operate separately
- Easily installs using the included adjustable hanging brackets

Models AKLC70SLN, AKLC70SLW: Utilizes 2 - 26W medium base energy efficient fluorescent lamps
(60W type A15 incandescent bulbs can also be used)

Models AKLC70DW, AKLC70RCB, AKLCSNS: Utilizes 2 - 26W medium base energy efficient fluorescent lamps
(60W type A19 incandescent bulbs can also be used)

Models AKLC70RCB: Utilizes 1 - 18W medium base energy efficient fluorescent lamps (60W type A19 incandescent bulb can also be used)

Models AKLC70DRSB: Utilizes 3 - 26W medium base energy efficient fluorescent lamps (60W type A15 incandescent bulbs can also be used)

DECORATIVE EXHAUST FANS with LIGHT					
MODEL	**AKLC70SLN / AKLC70SLW**	**AKLC70DW**	**AKLC70RCB**	**AKLC70DRSB**	**AKLC70SNS**
Air Movement: CFM @ .1 SP	70	70	70	70	70
Sound: Sones @ .1 SP	2.5	2.5	2.5	2.5	2.5
Lighting*	2 - 26W Fluorescent or 2 - 60W	2 - 26W Fluorescent or 2 - 60W	18W Fluorescent or 60W	2 - 26W Fluorescent or 2 - 60W	2 - 26W Fluorescent or 2 - 60W
Bulb Type	Medium Base CFL or A15	Medium Base CFL or A19	Medium Base CFL or A19	Medium Base CFL or A15	Medium Base CFL or A19
Light Lens	Glass	Glass	Plastic	Glass	Glass
Duct Size	4"	4"	4"	4"	4"
Finish	AKLC70SLN - Nickel, AKLC70SLW - White	White	Nickel	Black	Nickel
ASHRAE 62.2	Local Ventilation	Local Ventilation	Local Ventilation	Local Ventilation	Local Ventilation
Housing Size	7⅜"W x 7⅝"D x 5⅞"H	7⅜"W x 7⅝"D x 5⅞"H	7⅜"W x 7⅝"D x 5⅞"H	7⅜"W x 7⅝"D x 5⅞"H	7⅜"W x 7⅝"D x 5⅞"H
Listings / Certifications	c UL us HVI CERTIFIED				

* Bulbs not included

Specifications subject to change without notice

Exhaust Fans with Light

FEATURES

- Moonstone glass light lens disperses the light evenly throughout the room
- Utilizes a 26W medium base energy efficient fluorescent lamp
  (up to a 100W type A19 incandescent bulb can also be used)
- Exhaust fan and lighting can be wired to operate separately
- Plastic damper protects against back drafts and ensures quiet operation
- Easily installs using the included adjustable hanging brackets

***Deluxe Round Models** (AK863L, AK864L):*

- Round grill makes unit easier to visually center within room
- Model AK863L includes a 7 watt night light feature (bulb not included)

***Deluxe Model** (AK100L):*

- Includes a 7 watt night light feature (bulb not included)

EXHAUST FANS WITH LIGHT			
MODEL	**AK863L**	**AK864L**	**AK100L**
Air Movement: CFM @ .1 SP	100	100	100
Sound: Sones @ .1 SP	3.5	3.5	2.5
Lighting*	up to 100W	up to 100W	up to 100W
Duct Size	4"	4"	4"
ASHRAE 62.2	-	-	Local Ventilation
Housing Size	9⅛"W x 9¼"D x 5⅞"H	9⅛"W x 9¼"D x 5⅞"H	9⅜"W x 10⅞"D x 7⅞"H
Listings / Certifications	c UL us HVI CERTIFIED		

Specifications subject to change without notice

Heaters

COMBINATION HEATERS

- Moonstone glass light lens diffuses light throughout the room
- Easily installs using the included adjustable hanging brackets

Combination Ceramic Heater Models (Heat/Light/Vent):

- Self regulating ceramic heating element provides safe ceramic warmth
- Able to be installed on a 15 amp circuit
- Utilizes a 26W medium base energy efficient fluorescent lamp
  (up to a 100W type A19 incandescent bulb can also be used)

Ceramic Heater Element
The ceramic heating element produces heat by passing current through a self regulating ceramic heating element. The element adjusts itself to the surface temperature, regulating it to produce a constant heat. As air is passed through the element, it will adjust to maintain the temperature.

Deluxe Combination Heater Models (Heat/Light/Night Light/Vent):

- Control switches are included with the unit
- Utilizes a 26W medium base energy efficient fluorescent lamp (up to a 100W type A19 incandescent bulb can also be used)

BULB HEATERS

- Rated type IC for ceiling insulated to R-40
- Utilizes 250 watt maximum type R40 medium base infrared lamp (lamp not included)
- Easily installs using the included adjustable hanging brackets.

Model AK917: 250 Watt maximum single bulb heater (bulb not included)

Model AK927: 2-250 Watt maximum dual bulb heater (bulbs not included)

COMBINATION HEATERS				
MODEL	**AK55L**	**AK965L**	**AK917**	**AK927**
Air Movement: CFM @ .1 SP	70	70	70	70
Sound: Sones @ .1 SP	5.0	3.5	3.5	3.5
Lighting*	up to 100W	up to 100W	250W heat bulb	2-250W heat bulb
Duct Size	4" metal	4" metal	4" plastic	4" plastic
Heating Element	1350 watt ceramic	1500 watt NiChrome wire	250 watt Bulb	2 - 250 watt Bulbs
Housing Size	14½"W x 8⅜"D x 6½"H	14½"W x 8⅜"D x 6½"H	8"W x 8"D x 5⅞"H	8"W x 13⅞"D x 5⅞"H
Listings / Certifications	c UL us, HVI CERTIFIED			

Specifications subject to change without notice

High Volume Exhaust Fans

FEATURES

- 4½" x 18½" duct connector with 2 aluminum backdraft dampers
- Painted white, metal grill
- Insulated housing with motors & blowers mounted on vibration isolators
- 24" on center joists mounting using the supplied mounting angles or hung for suspended ceilings using 1/4-20 support rod
- Can be adapted for top discharge mounting, straight through inline or right angle inline (hardware not provided)
- Uses forward curved non overloading polymeric blower wheels
- Wiring access from top or side
- Easy service access through large removable access panel or through the grill

HIGH VOLUME EXHAUST FANS			
MODEL	**AK400**	**AK500**	**AK600**
Air Movement: CFM @ .1 SP	420	520	620
Air Movement: CFM @ .25 SP	383	478	575
Sound: Sones @ .1 SP	1.5	2.5	3.5
Watts	118	152	165
Duct Size	4½" x 18½"	4½" x 18½"	4½" x 18½"
ENERGY STAR® Qualified	YES	NO	NO
ASHRAE 62.2	Local ventilation	Local ventilation	-
Housing Size	21½"W x 12¾"D x 12¾"H	21½"W x 12¾"D x 12¾"H	21½"W x 12¾"D x 12¾"H
Listings / Certifications			

Air King model OA10V transitions the 4½" x 18½" duct collar to 10" round
(available separately)

Specifications subject to change without notice

UL263/UL555C CLASSIFIED CLASSIFIED for Wood Frame Construction

Not all Fans are Created Equal

Life Safety Professionals work hard to develop and enforce building codes to eliminate or reduce potential threats. Nothing can be more frustrating and sometimes more costly than not having the correct product to comply with the building code for your project.

Wood is a Combustible Material

When you're building a multi family residential project using wood frame construction you'll need to comply with stringent requirements to prevent the spread of fire. These are likely to include the use of fire rated products for ceiling penetrations such as bathroom exhaust fans. Air King Fire Rated Fans have been tested and are UL Listed for use in wood frame construction and have been successfully tested by UL in more truss designs than any major manufacturer.

You will see competitor certifications that will say "For use in any fire resistive floor or roof-ceiling assembly". That doesn't necessarily mean UL listed for wood frame construction. Wood construction is NOT fire resistive; wood is a combustible material that fire fighters usually consider fuel. The UL requirement for listing in this case requires mounting and testing of the fan in each approved truss design above an actual fire. You know you have the right product for the application when the manufacturer provides the truss design numbers for which the product was tested. No design number - Not UL Listed for wood frame construction.

Air King Fire Rated Fans on the other hand are UL Listed for the greatest number of wood frame truss designs (see pages 25 and 26) at the time of this printing. Be sure you have the right product and save yourself a lot of time and trouble by starting with Air King.

Specifications subject to change without notice

Fire Rated Exhaust Fans

FEATURES

- Three part system that includes a housing, motor/blade/metal grill and damper
- 4" Round spring loaded metal damper protects against back drafts
- Solution for ASHRAE 62.2 continuous whole house ventilation (models FRAK50, FRAK50H, FRAK80, FRAK80H, FRAK100D)
- Hanger bar installation
- UL Listed as fan/damper assembly for the following Wood Frame Construction truss designs:
  L501 L502 L503 L506 L507 L508 L512 L513 L514 L515 L516 L517 L519 L522 L523 L533 L537 L545 L581 L583

Models FRAK50H, FRAK80H, FRAK90H, FRAK100H: Humidity level can be set up to 80% relative humidity

ENERGY STAR® QUALIFIED FIRE RATED EXHAUST FANS				HUMIDITY SENSING			DUAL SPEED
				Integrated humidistat senses the humidity level of the room and turns the fan on until the humidity level is below the preset level. The fan can also be activated through a wall control switch.			*
MODEL	**FRAK80**	**FRAK90**	**FRAK100**	**FRAK80H**	**FRAK90H**	**FRAK100H**	**FRAK100D**
Air Movement: CFM @ .1 SP	80	90	100	80	90	100	100 / 50
Air Movement: CFM @ .25 SP	68	78	86	68	78	86	86
Sound: Sones @ .1 SP	1.0	1.5	1.5	1.0	1.5	1.5	1.5 / 0.5
Watts	28.1	29.9	29.9	28.1	29.9	29.9	29.9 / 26.4
Duct Size	4"	4"	4"	4"	4"	4"	4"
ENERGY STAR® Qualified	YES	YES	YES	YES	YES	YES	YES
ASHRAE 62.2	Whole Building / Local Ventilation	Local Ventilation	Local Ventilation	Whole Building / Local Ventilation	Local Ventilation	Local Ventilation	Whole Building / Local Ventilation
Contractor Pack	Motor - FAK80T Housing - AKFH2 Damper - AKFD2	Motor - FAK90T Housing - AKFH2 Damper - AKFD2	Motor - FAK100T Housing - AKFH2 Damper - AKFD2	Motor - FAK80T Housing - AKFH2 Damper - AKFD2	Motor - FAK90T Housing - AKFH2 Damper - AKFD2	Motor - FAK100T Housing - AKFH2 Damper - AKFD2	Motor - FAK100T Housing - AKFH2 Damper - AKFD2
Housing Size	10¾"W x 9¼"D x 7⅞"H	10¾"W x 9¼"D x 7⅞"H	10¾"W x 9¼"D x 7⅞"H	10¾"W x 9¼"D x 7⅞"H	10¾"W x 9¼"D x 7⅞"H	10¾"W x 9¼"D x 7⅞"H	10¾"W x 9¼"D x 7⅞"H
Listings / Certifications	c UL us, HVI CERTIFIED						

* Perfect in a bathroom for continuous low speed ventilation. The fan can be activated to high speed through any wall mounted device.

Specifications subject to change without notice

Fire Rated Exhaust Fans

UL263/UL555C CLASSIFIED CLASSIFIED
for Wood Frame Construction

FEATURES

- Three part system that includes a housing, motor/blade/grill and damper
- Available in single packs or in contractor packs of 4
- Low profile and durable, all metal grill with a painted, white finish
- Easily installs using the included adjustable hanging brackets
- UL Listed as fan/damper assembly for the following Wood Frame Construction truss designs:
  L501 L502 L503 L506 L507 L508 L512 L513 L514 L515
  L516 L517 L519 L522 L523 L533 L537 L545 L581 L583

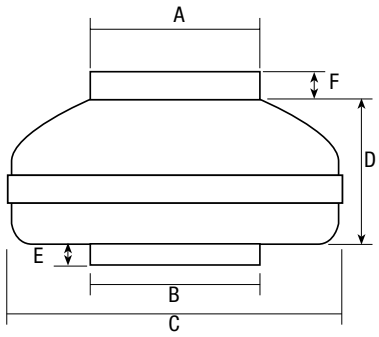
EXHAUST FANS				
MODEL	**FRAS50**	**FRAS60**	**FRAS70**	**FRAK130**
Air Movement: CFM @ .1 SP	50	60	70	130
Sound: Sones @ .1 SP	3.0	4.5	5.0	3.0
Duct Size	3"	3"	3"	4"
ASHRAE 62.2	-	-	-	Local Ventilation
Contractor Pack	Motor - FA50T Housing - AKFH1 Damper - AKFD1	Motor - FA60T Housing - AKFH1 Damper - AKFD1	Motor - FA70T Housing - AKFH1 Damper - AKFD1	Motor - FAK130T Housing - AKFH2 Damper - AKFD2
Housing Size	7¾"W x 7¾"D x 5⅞"H	7¾"W x 7¾"D x 5⅞"H	7¾"W x 7¾"D x 5⅞"H	10⅞"W x 9⅜"D x 7⅛"H
Listings / Certifications	c UL us, HVI 2100 CERTIFIED			

Specifications subject to change without notice

Inline Exhaust Fans

FEATURES

- Prewired for quick installation
- Approved for use with a variable speed control
- UL approved for wet locations and rated for continuous duty
- Installation bracket included with unit



DIMENSIONS

MODEL	A	B	C	D	E	F
IL4	3¾"	3¾"	9⅜"	8¼"	¾"	¾"
IL6	5⅞"	5⅞"	10¼"	7⅝"	¾"	1"
IL8	7¾"	7¾"	13¾"	8⅞"	1"	1¼"
IL10	9¾"	9¾"	13¾"	9"	1"	1¼"

INLINE EXHAUST FANS				
MODEL	**IL4**	**IL6**	**IL8**	**IL10**
Air Movement: CFM @ .2 SP	130	240	470	560
Watts	38.2	84.7	127.3	142.1
Duct Size	4"	6"	8"	10"
ENERGY STAR® Qualified	YES	YES	YES	NO
ASHRAE 62.2	Local Ventilation	Local Ventilation	Local Ventilation	Local Ventilation
Listings / Certifications	ETL US, HVI CERTIFIED			

NOTE: The Home Ventilation Institute (HVI) does not currently have a sound test standard for remote mounted fans. As a result sound levels (sones) are not listed. In most cases, a remote fan will be quieter than one mounted within the living area.

Specifications subject to change without notice

Inline Exhaust Fans

Benefits of Inline Fans

- Because the blower is remotely mounted, the noise is taken away from the room, minimizing the sound generated from the unit
- Low profile inlet grills almost disappear into the ceiling
- Ventilate multiple rooms with a single unit by centrally locating the power unit and then running ducting from the power unit to the individual room inlets

Integrated balancing damper

KITS

INLINE ROOM INLETS

- Low profile grill almost disappears into the ceiling
- Easily installs using the double thick keyhole mounting tabs
- Integrated balancing damper allows you to control airflow at room level
- Includes zip ties for ducting connections
- Able to be expanded with additional inlets (available separately)

Model ILK14: single room inlet with model IL4 power unit

Model ILK16: single room inlets with model IL6 power unit

Model ILK24: two room inlets with Y transition and model IL4 power unit

Model ILK26: two room inlets with Y transition and model IL6 power unit

INLINE EXHAUST FANS KITS				
MODEL	**ILK14**	**ILK16**	**ILK24**	**ILK26**
Air Movement: CFM @ .2 SP	130	240	130	240
Watts	38.2	84.7	38.2	84.7
Exhaust Duct Size	4"	6"	4"	6"
Collar Duct Size	4"	4"	4"	4"
Inlets	Single	Single	Dual	Dual
Listings / Certifications	c UL us, HVI CERTIFIED			

NOTE: The Home Ventilation Institute (HVI) does not currently have a sound test standard for remote mounted fans. As a result sound levels (sones) are not listed. In most cases, a remote fan will be quieter than one mounted within the living area.

Specifications subject to change without notice

Switches and Timers

ON/OFF SWITCHES

Model AKS2: White rocker style switch that allows the user independent on/off control of 2 functions such as fan and light.

Model AKS3: White rocker style switch that allows the user independent on/off control of 3 functions such as fan, light and night light.

Model AKS4: White rocker style switch that allows the user independent on/off control of 4 functions such as fan, light, night light, and additional room light.

TIMER SWITCHES

Model AKPT62: White, 24 hour - 7 day programmable switch with 7 On and 7 Off events per day and single push button controls. One touch push button override and LCD display screen. Includes rechargeable battery that provides up to 30 days of battery backup. ***Rated for Fluorescent lights, Motors up to 1 HP, 15A Resistive/Tungsten.*** Ideal for ASHRAE 62.2 installations and exhaust fans used to comply with the California Title 24 requirements.

Model AKEDT2: White or Almond color (both color options included with the switch) electronic delay timer that turns the fan and light on simultaneously while offering an electronic, automatic delay timer that allows the user to turn the light off while the fan continues to operate for an additional 20, 40, or 60 minutes before automatically turning off. The duration of operation time for the fan can easily be adjusted with the touch of the electronic button. ***Rated for Fluorescent lights.***

Model AKDT60W: White, delay timer that turns the fan and light on simultaneously while offering an automatic delay timer that allows the user to turn the light off while the fan continues to operate for an additional preset time before automatically turning off. The duration of operation time for the fan can be adjusted from 1 to 60 minutes. Also available in Ivory color - Model **AKDT60I**.

Model AKDT63W: White, delay timer that turns the fan and light on simultaneously while offering an automatic delay timer that allows the user to turn the light off while the fan continues to operate for an additional preset time before automatically turning off. The duration of operation time for the fan can be adjusted from 1 to 60 minutes. Switch features a center Off position that allows the user to turn all functions off when selected. Also available in Ivory color - Model **AKDT63I**.

Models AKT120, AKT8H: White or Almond color (both color options included with the switch) timer that allows the user to electronically set the time up to 120 minutes (AKT120) in 15 minute increments or 8 hours (AKT8H) in 1 hour increments using the touch pad controls.

Models AKT60, AKT15: White or Almond color (both color options included with the switch) timer that allows the user to set the time up to 60 minutes (AKT60) or 15 minutes (AKT15).

SENSOR CONTROLS

Model AKOSW: White, occupancy sensor automatically turns the fan on when the room is occupied and continues to run for up to 30 minutes after the room is vacated. ***Rated for Fluorescent lights*** and the wall plate is included. Also available in Ivory color - Model **AKOSI**.

Model AKVSW: White, vacancy sensor is manually turned on with the push button power switch then automatically turns the fan off after 30 minutes once the room is no longer occupied. ***Rated for Fluorescent lights*** and the wall plate is included. ***California Title 24 compliant***. Also available in Ivory color - Model **AKVSI**.

SPECIALTY CONTROLS

Model AKPAT3: White, 24 hour - 20 available ON/OFF position programmable switch. 3-way capable with manual pushbutton for temporary or continuous override of automatic programming. LCD display screen. ***Rated for Fluorescent lights, Motors up to 1/2 HP, 15A Resistive/Tungsten.*** Ideal for ASHRAE 62.2 installations and exhaust fans used to comply with the California Title 24 requirements.

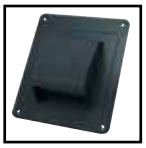
Model DH55: White, dehumidistat automatically turns the unit on/off according to the humidity level of the room and is easily adjusted to maximize the system.

Model AKT724H: White, electromechanical switch features an AM/PM dial format, capable of up to 36 on/off cycles per 24 hours with a manual OFF-ON-AUTO setting. Fits standard electrical boxes and includes a white wall plate.

Specifications subject to change without notice

ROOF CAPS

RCB810: Includes plastic 4" round roof cap, 8' of 4" round flexible ducting, 3" to 4" adapter and 2 zip ties



RCB: ABS Plastic roof cap with damper and bird screen. Accepts up to 4" round ducting

Roof caps with bird screens and dampers

PRC10R: Galvanized steel, accepts 10" round ducting

PRC8R: Galvanized steel, accepts 8" round ducting

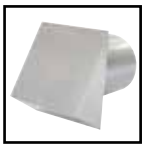
PRC6R: Galvanized steel, accepts 6" round ducting

WALL CAPS

Aluminum wall caps with dampers

WC3NS: 3" round ducting

WC4NS: 4" round ducting



Wall caps with dampers

PWC10R: Galvanized steel, accepts 10" round ducting

PWC8R: Galvanized steel, accepts 8" round ducting

PWC6R: Galvanized steel, accepts 6" round ducting

LIGHT FIXTURES

26SBL: GU24 26 watt high efficacy self ballasted fluorescent lamp

18SBL: GU24 18 watt high efficacy self ballasted fluorescent lamp

26WFB: 26 watt, high efficacy compact fluorescent 4 pin triple tube lamp

DUCTING ACCESSORIES

Metal back draft dampers

BDD4R: 4" round ducting

BDD6R: 6" round ducting

BDD8R: 8" round ducting

BDD10R: 10" round ducting

AK46R: Galvanized steel 4" round to 6" round duct transition

AK34R: Galvanized steel 3" round to 4" round duct transition

OA10V: Galvanized steel 4½" x 18½" to 10" round duct transition

CONTRACTOR PACKS

HOUSINGS	MOTOR/ BLADE/GRILL	#PER PACK	CFM/ SONES	DUCT SIZE	SINGLE PACK MODEL #	SINGLE PACK PAGE
ENERGY STAR QUALIFIED HUMIDITY SENSING SERIES						
AK-1HA	AK80LS1T	4	80/1.0	4" plastic	AK80H	14
	AK110PNT	4	100/1.5	4" plastic	AK100H	14
ENERGY STAR® QUALIFIED SERIES						
AK-4HSG	AK150LST	2	150/0.8	6" metal	AK150LS	15
AK-1HSG	AK80LS1T	4	80/1.0	4" plastic	AK80LS-1	16
	AK80MBG	4	80/1.5	4" plastic	AK80	16
	AK90MBG	4	90/1.5	4" plastic	AK90	16
	AK110PNT	4	100/1.5	4" plastic	AK110PN	16
BFQHSG	BFQ50T	4	50/0.5	4" plastic	BFQ50	18
	BFQ75T	4	70/1.5	4" plastic	BFQ75	18
	BFQ80T	4	80/2.0	4" plastic	BFQ80	18
BFQ2HSG	BFQ50WT	4	50/0.5	4" plastic	BFQ50W	19
	BFQ75WT	4	70/1.5	4" plastic	BFQ75W	19
ENERGY STAR QUALIFIED HUMIDITY SENSING SERIES with LIGHT						
AK-3HA	AKF80T	4	80/1.0	4" plastic	AKF80H	14
	AKF100T	4	100/1.5	4" plastic	AKF100H	14
ENERGY STAR QUALIFIED SERIES with LIGHT						
AK-3HSG	AKF50T	4	50/0.5	4" plastic	AKF50	17
	AKF80T	4	80/1.0	4" plastic	AKF80	17
	AKF100T	4	100/1.5	4" plastic	AKF100	17
BFQFHSG	BFQF50T	4	50/0.5	4" plastic	BFQF50	18
	BFQF70T	4	70/1.5	4" plastic	BFQF70	18
SNAP-IN SERIES						
BFQHSG	BFQ90MBG	4	90/2.5	4" plastic	BFQ90	19
	BFQ110MBG	4	100/3.5	4" plastic	BFQ110	19
	BFQ140MBG	4	120/4.0	4" plastic	BFQ140	19
BFQ2HSG	BFQ80WT	4	80/2.0	4" plastic	BFQ80W	19

HOUSINGS	MOTOR/ BLADE/GRILL	#PER PACK	CFM/ SONES	DUCT SIZE	SINGLE PACK MODEL #	SINGLE PACK PAGE
ADVANTAGE SERIES						
ASHSG	AS50MBG	4	50/3.0	3" plastic	AS50	20
	AS60MBG	4	60/4.0	3" plastic	AS60	20
	AS70MBG	4	70/4.0	3" plastic	AS70	20
AWCHSG[4]	AS50MBG	4	50/3.0	3" plastic	N/A	20
	AS60MBG	4	60/4.0	3" plastic	N/A	20
	AS70MBG	4	70/4.0	3" plastic	N/A	20
ASMTLHSG	AS50MBG	4	50/3.0	3" metal	N/A	20
	AS60MBG	4	60/4.0	3" metal	N/A	20
	AS70MBG	4	70/4.0	3" metal	N/A	20
ATLHSG[5]	AS50MBG	4	50/3.0	4" plastic	N/A	20
	AS60MBG	4	60/4.0	4" plastic	N/A	20
	AS70MBG	4	70/4.0	4" plastic	N/A	20
ADVANTAGE SERIES with LIGHT						
ASLCHSG	ASLC50MBG	4	50/3.0	4" plastic	ASLC50	21
	ASLC70MBG	4	70/4.0	4" plastic	ASLC70	21
COMBINATION CERAMIC HEATERS						
AK55LHSG	AK55LT	1	70/5.0	4" metal	AK55L	26

[4] Wago® Quick Connect Housing, includes Wago® Wall Nuts™ for wiring connection

[5] Model AS54 utilizes ATLHSG and AS50MBG

Specifications subject to change without notice

Specifications

MODEL	CFM	SONES	SOUND LEVEL	LIGHTING	ENERGY STAR	ASHRAE 62.2	LISTING	DUCT SIZE	HOUSING SIZE	PAGE
ESB80S	80	<0.3	Silent	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	10
ESF80S	80	<0.3	Silent	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	10
ESB80D	80/30	<0.3	Silent	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	10
ESF80D	80/30	<0.3	Silent	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	10
ESB130S	130	0.4	Very Quiet	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	10
ESF130S	130	0.4	Very Quiet	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	10
ESB130D	130/50	0.4	Very Quiet	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	10
ESF130D	130/50	0.4	Very Quiet	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	10
ESB80SG	80	<0.3	Silent	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	11
ESF80SG	80	<0.3	Silent	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	11
ESB80DG	80/30	<0.3	Silent	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	11
ESF80DG	80/30	<0.3	Silent	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	11
ESB130SG	130	0.4	Very Quiet	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	11
ESF130SG	130	0.4	Very Quiet	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	11
ESB130DG	130/50	0.4	Very Quiet	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	11
ESF130DG	130/50	0.4	Very Quiet	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	11
ESB80SGH	80	<0.3	Silent	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	12
ESF80SGH	80	<0.3	Silent	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	12
ESB80DGH	80/30	<0.3	Silent	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	12
ESF80DGH	80/30	<0.3	Silent	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	12
ESB130SGH	130	0.4	Very Quiet	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	12
ESF130SGH	130	0.4	Very Quiet	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	12
ESB130DGH	130/50	0.4	Very Quiet	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	12
ESF130DGH	130/50	0.4	Very Quiet	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	12
ESB80SH	80	<0.3	Silent	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	13
ESF80SH	80	<0.3	Silent	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	13
ESB80DH	80/30	<0.3	Silent	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	13
ESF80DH	80/30	<0.3	Silent	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	13
ESB130SH	130	0.4	Very Quiet	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	13
ESF130SH	130	0.4	Very Quiet	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	13
ESB130DH	130/50	0.4	Very Quiet	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	13
ESF130DH	130/50	0.4	Very Quiet	Fluorescent	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	13
AK80H	80	1.0	Very Quiet	N/A	YES	Whole Building/Local	ETL	4"	10⅞"W x 9⅜"D x 7⅞"H	14
AK100H	100	1.5	Quiet	N/A	YES	Local	ETL	4"	10⅞"W x 9⅜"D x 7⅞"H	14
AK80LS6H	80	0.5	Very Quiet	N/A	YES	Whole Building/Local	UL	6"	10⅞"W x 9⅜"D x 7⅞"H	14
AK90LS6H	90	0.8	Very Quiet	N/A	YES	Whole Building/Local	UL	6"	10⅞"W x 9⅜"D x 7⅞"H	14
AK100LS6H	100	1.0	Very Quiet	N/A	YES	Whole Building/Local	ETL	6"	10⅞"W x 9⅜"D x 7⅞"H	14
AK110LS6H	110	1.5	Quiet	N/A	YES	Local	UL	6"	10⅞"W x 9⅜"D x 7⅞"H	14
AKF80H	80	1.0	Very Quiet	Fluorescent	YES	Whole Building/Local	ETL	4"	10⅞"W x 9⅜"D x 7⅞"H	14
AKF100H	100	1.5	Quiet	Fluorescent	YES	Local	ETL	4"	10⅞"W x 9⅜"D x 7⅞"H	14
AK80LS6	80	0.5	Very Quiet	N/A	YES	Whole Building/Local	UL	6"	10⅞"W x 9⅜"D x 7⅞"H	15
AK90LS6	90	0.8	Very Quiet	N/A	YES	Whole Building/Local	UL	6"	10⅞"W x 9⅜"D x 7⅞"H	15
AK100LS6	100	1.0	Very Quiet	N/A	YES	Whole Building/Local	UL	6"	10⅞"W x 9⅜"D x 7⅞"H	15
AK110LS6	110	1.5	Quiet	N/A	YES	Local	UL	6"	10⅞"W x 9⅜"D x 7⅞"H	15
AK150LS	150	0.8	Very Quiet	N/A	YES	Whole Building/Local	ETL	6"	12⅞"W x 12¾"D x 9⅞"H	15
AK200LS	200	1.4	Quiet	N/A	YES	Local	UL	6"	12⅞"W x 12¾"D x 9⅞"H	15
AK280LS	280	2.5	Quiet	N/A	YES	Local	UL	6"	12⅞"W x 12¾"D x 9⅞"H	15
AK80LS	80	0.6	Very Quiet	N/A	YES	Whole Building/Local	UL	4"	10⅞"W x 9⅜"D x 7⅞"H	16
AK110LS	110	1.5	Quiet	N/A	YES	Local	UL	4"	10⅞"W x 9⅜"D x 7⅞"H	16
AK80LS-1	80	1.0	Very Quiet	N/A	YES	Whole Building/Local	UL	4"	10⅞"W x 9⅜"D x 7⅞"H	16
AK80	80	1.5	Quiet	N/A	YES	Local	UL	4"	10⅞"W x 9⅜"D x 7⅞"H	16
AK90	90	1.5	Quiet	N/A	YES	Local	UL	4"	10⅞"W x 9⅜"D x 7⅞"H	16
AK110PN	100	1.5	Quiet	N/A	YES	Local	UL	4"	10⅞"W x 9⅜"D x 7⅞"H	16
AK100D	100/50	1.5/0.5	Very Quiet	N/A	YES	Whole Building/Local	UL	4"	10⅞"W x 9⅜"D x 7⅞"H	16
AKF50	50	0.5	Very Quiet	Fluorescent	YES	Whole Building/Local	UL	4"	10⅞"W x 9⅜"D x 7⅞"H	17
AKF80LS	80	1.0	Very Quiet	Fluorescent	YES	Whole Building/Local	UL	4"	10⅞"W x 9⅜"D x 7⅞"H	17
AKF100	100	2.0	Quiet	Fluorescent	YES	Local	UL	4"	10⅞"W x 9⅜"D x 7⅞"H	17
AKF100D4	100/50	2.0/0.5	Very Quiet	Fluorescent	YES	Whole Building/Local	UL	4"	10⅞"W x 9⅜"D x 7⅞"H	17

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Specifications subject to change without notice

Specifications

MODEL	CFM	SONES	SOUND LEVEL	LIGHTING	ENERGY STAR	ASHRAE 62.2	LISTING	DUCT SIZE	HOUSING SIZE	PAGE
BFQ50	50	0.5	Very Quiet	N/A	YES	Whole Building/Local	UL	4"	9⅛"W x 8½"D x 4¾"H	18
BFQ75	70	1.5	Quiet	N/A	YES	Local	UL	4"	9⅛"W x 8½"D x 4¾"H	18
BFQ80	80	2.0	Quiet	N/A	YES	Local	UL	4"	9⅛"W x 8½"D x 4¾"H	18
BFQF50	50	0.8	Very Quiet	Fluorescent	YES	Whole Building/Local	UL	4"	9⅛"W x 8½"D x 5¾"H	18
BFQF70	70	2.0	Quiet	Fluorescent	YES	Local	UL	4"	9⅛"W x 8½"D x 5¾"H	18
BFQ50W	50	1.0	Very Quiet	N/A	YES	Whole Building/Local	UL	4"	9⅛"W x 8½"D x 3⅞"H	19
BFQ75W	70	2.0	Quiet	N/A	YES	Local	UL	4"	9⅛"W x 8½"D x 3⅞"H	19
BFQ80W	80	2.5	Quiet	N/A	NO	Local	UL	4"	9⅛"W x 8½"D x 3⅞"H	19
BFQ90	90	1.5	Quiet	N/A	NO	Local	UL	4"	9⅛"W x 8½"D x 4¾"H	19
BFQ110	110	3.5	Moderate	N/A	NO	NO	UL	4"	9⅛"W x 8½"D x 4¾"H	19
BFQ140	120	4.0	Moderate	N/A	NO	NO	UL	4"	9⅛"W x 8½"D x 4¾"H	19
AS54	50	3.0	Quiet	N/A	NO	Local	UL	4"	7¼"W x 7¼"D x 3¾"H	20
AS50	50	3.0	Quiet	N/A	NO	NO	UL	3"	7¼"W x 7¼"D x 3¾"H	20
AS60	60	4.0	Moderate	N/A	NO	NO	UL	3"	7¼"W x 7¼"D x 3¾"H	20
AS70	70	4.0	Moderate	N/A	NO	NO	UL	3"	7¼"W x 7¼"D x 3¾"H	20
EWF-180	180	6.5	High	N/A	NO	NO	UL	8"	14¼"W x 4⅝"-9½"D x 14¼"H	20
ASLC50	50	3.0	Quiet	Incandescent	NO	Local	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	21
ASLC70	70	4.0	Quiet	Incandescent	NO	NO	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	21
AKF701	70	2.5	Quiet	Fluorescent	NO	Local	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	22
AKF702	70	2.5	Quiet	Fluorescent	NO	Local	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	22
AKF703	70	2.5	Quiet	Fluorescent	NO	Local	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	22
AKLC701	70	2.5	Quiet	Incandescent	NO	Local	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	22
AKLC702	70	2.5	Quiet	Incandescent	NO	Local	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	22
AKLC703	70	2.5	Quiet	Incandescent	NO	Local	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	22
DRLC701	70	4.0	Moderate	Incandescent	NO	NO	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	22
DRLC702	70	4.0	Moderate	Incandescent	NO	NO	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	22
DRLC703	70	4.0	Moderate	Incandescent	NO	NO	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	22
AKLC70SLN	70	2.5	Quiet	Incandescent	NO	Local	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	23
AKLC70SLW	70	2.5	Quiet	Incandescent	NO	Local	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	23
AKLC70DW	70	2.5	Quiet	Incandescent	NO	Local	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	23
AKLC70RCB	70	2.5	Quiet	Incandescent	NO	Local	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	23
AKLC70DRSB	70	2.5	Quiet	Incandescent	NO	Local	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	23
AKLC70SNS	70	2.5	Quiet	Incandescent	NO	Local	UL	4"	7⅜"W x 7⅝"D x 5⅞"H	23
AK863L	100	3.5	Moderate	Incandescent	NO	NO	UL	4"	9⅛"W x 9¼"D x 5⅞"H	24
AK864L	100	3.5	Moderate	Incandescent	NO	NO	UL	4"	9⅛"W x 9¼"D x 5⅞"H	24
AK100L	100	2.5	Quiet	Incandescent	NO	Local	UL	4"	9⅜"W x 10⅞"D x 7⅞"H	24
AK55L	70	5.0	High	Incandescent	NO	NO	UL	4"	14½"W x 8⅜"D x 6½"H	25
AK965L	70	3.5	Moderate	Incandescent	NO	NO	UL	4"	14½"W x 8⅜"D x 6½"H	25
AK917	70	3.5	Moderate	Heat Lamp	NO	NO	UL	4"	8"W x 8"D x 5⅞"H	25
AK927	70	3.5	Moderate	Heat Lamp	NO	NO	UL	4"	8"W x 13⅞"D x 5⅞"H	25
AK400	420	1.5	Quiet	N/A	YES	Local	ETL	4½x18½"	23½"W x 12¾"D x 12¾"H	26
AK500	520	2.5	Quiet	N/A	NO	NO	ETL	4½x18½"	23½"W x 12¾"D x 12¾"H	26
AK600	620	3.5	Moderate	N/A	NO	NO	ETL	4½x18½"	23½"W x 12¾"D x 12¾"H	26
FRAK80	80	1.0	Very Quiet	N/A	YES	Whole Building/Local	UL	4"	10¾"W x 9¼"D x 7⅞"H	28
FRAK90	90	1.5	Quiet	N/A	YES	Local	UL	4"	10¾"W x 9¼"D x 7⅞"H	28
FRAK100	100	1.5	Quiet	N/A	YES	Local	UL	4"	10¾"W x 9¼"D x 7⅞"H	28
FRAK80H	80	1.0	Very Quiet	N/A	YES	Whole Building/Local	UL	4"	10¾"W x 9¼"D x 7⅞"H	28
FRAK90H	90	1.5	Quiet	N/A	YES	Local	UL	4"	10¾"W x 9¼"D x 7⅞"H	28
FRAK100H	100	1.5	Quiet	N/A	YES	Local	UL	4"	10¾"W x 9¼"D x 7⅞"H	28
FRAK100D	100/50	1.5/0.5	Very Quiet	N/A	YES	Whole Building/Local	UL	4"	10¾"W x 9¼"D x 7⅞"H	28
FRAS50	50	3.0	Quiet	N/A	NO	NO	UL	3"	7¾"W x 7¾"D x 5⅞"H	29
FRAS60	60	4.5	Moderate	N/A	NO	NO	UL	3"	7¾"W x 7¾"D x 5⅞"H	29
FRAS70	70	5.0	High	N/A	NO	NO	UL	3"	7¾"W x 7¾"D x 5⅞"H	29
FRAK130	130	3.0	Quiet	N/A	NO	Local	UL	4"	10⅞"W x 9⅜"D x 7⅞"H	29
IL4	130	-	Quiet	N/A	YES	Local	UL	4"	9⅜"Dia. x 8¼"H	30
IL6	240	-	Quiet	N/A	YES	Local	UL	6"	10¼"Dia. x 7⅝"H	30
IL8	470	-	Quiet	N/A	YES	Local	UL	8"	13¾"Dia. x 8⅞"H	30
IL10	560	-	Quiet	N/A	NO	NO	UL	10"	13¾"Dia. x 9"H	30

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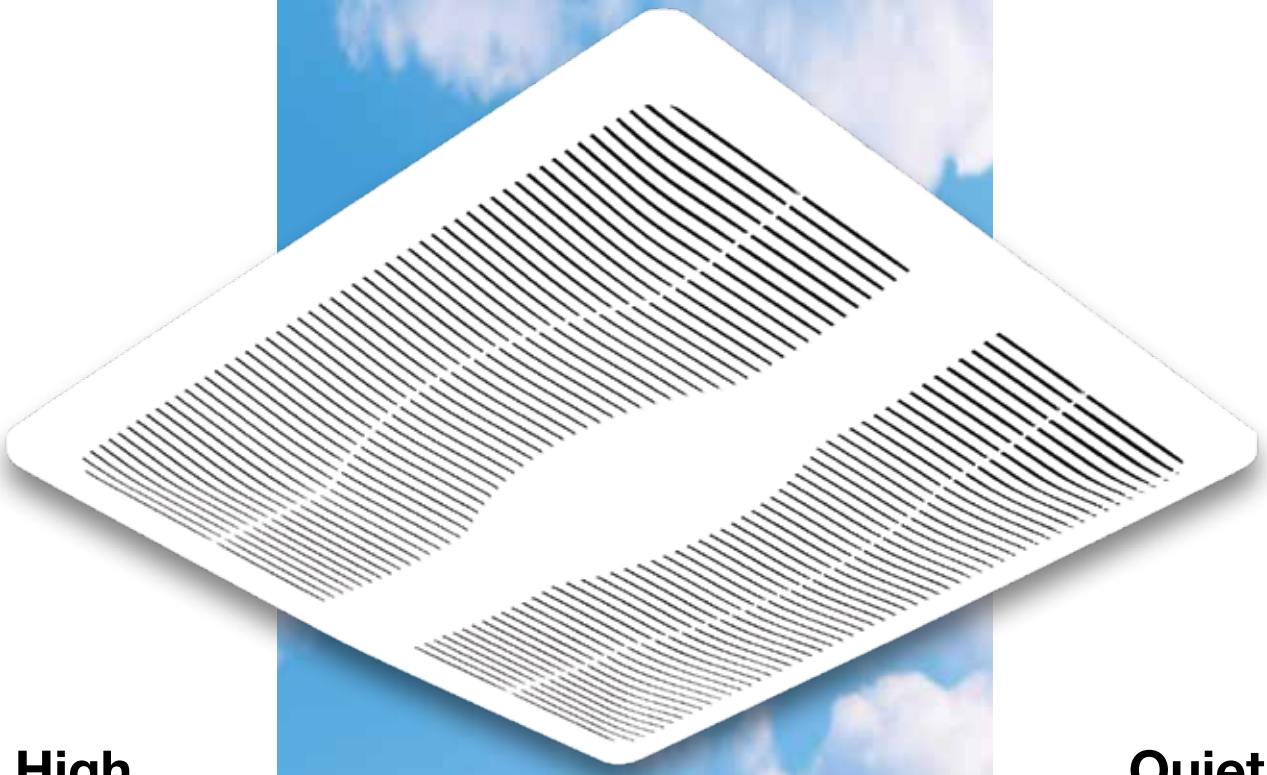
ACHIEVE VENTILATION BALANCE



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